ERO, Janos

Static accelerators. Fiz. szemle 8 no.4:103-108 Ap '58.

1.Kozponti Fizikai Kutato Intezet Atomfizikai Osztalya.

Category : HUNGARY/Nuclear Physics - Instruments and Installations. Method of Measurement and Investigation C-2

Abs Jour : Ref Zhur - Fizika, No 1, 1957, No 250

Author : Ero, Janos
Inst : Kozponti Fizikai Kutato Intezet, Budapest, Hungary
Title : Investigation of a High-Frequency Ion Source

Orig Pub : Magyar fiz. folyoirat., 1955, 3, No 5-6, 529-542

Abstract : It is found that a beam emerging from an ion source has a composition that depends on the pressure in the source and on the magnetic field intensity. At the optimum pressure of ten microns mercury and a field of 40 -- 50 gauss, the proton content reaches 75%. Increasing the pressure increases the concentration of the H_3^+ ions, and reducing the pressure increases the concentration of H_2^+ ions.

Card : 1/1

EPO, J.

EPO, J. Nuclear accelerators. p. 523.

Vol. 114, No. 9, Sept. 195
TERMESZET ES TARSADALOM
SCIENCE
Budapest, Hungary

So: East European Accession, Vol. 5, No. 5, May 1956

ERO, J.

Cross section of the

bining this with measure

Eö, J.

19

Determination of γ-rays of high energy. János Bro and Lajos Kesztheli (Magyar Tudományos Akad. Központi Fiz. Kutató Intézete, Budapest, Hung.). *Magyar Tudományos Akad. Központi Fiz. Kutató Intézetének Közleményei* 4, 226-31(1956).—γ-Quanta with 17.6 m.e.v. energy, arising from the $Li^7(p, \gamma)Be^8$ reaction, were detd. with a scintillating counter. Secondary electrons leaving the material between the source and the crystals increase the efficiency of the counter. This effect means a correction of 30% for the counter used. L. S. Ettes

JW
1/1

Distr: 4E3c/4E3d

ERO, J.

21527.642

1399. THE ENERGY SPECTRUM OF THE ION BEAM OF A HIGH FREQUENCY ION SOURCE. J. Ero.
Acta phys. Hungar., Vol. 5, No. 4, 391-407 (1956). In German.

The energy distribution of ions from a h.f. source, using a cathode assembly similar to that described by Mock et al. (Nucleonics, Vol. 9, 3, 1951) was analysed by means of an electrostatic deflecting method. It was shown that the energy spread (~200 eV) was much greater than that to be expected from a theoretical analysis based on probe theory. This large spread was caused by breakdown occurring at the cathode surface, and was reduced (to about 50 eV) by re-design of the cathode assembly and purification of the cathode surface. The mean energy of the beam for one discharge tube used was found to be 50-100 V greater than the extraction voltage. F. Dulton

ERO, JANOS

HUNGARY/Nuclear Physics - Nuclear Reactions C-5

Abs Jour : Ref Zhur - Fizika, No 7, 1958, No 15121

Author : Ero Janos, Diszthelyi Lajos
Inst : Kozponti Fizikai Kutato Intezet Atomfizikai Osztaly
Title : Cross Section of Nuclear Reaction I^{127} (γ, n) I^{126}

Orig Pub : Magyar fiz. folyoirat, 1957, 5, No 4, 301-310

Abstract : The crystal NaI(Tl) has been exposed to gamma obtained as a result of the Li (t, γ) reactions. By measuring the activity of the I^{126} nucleus formed in the irradiated crystal, and also by counting the number of scintillations occurring thereby, the cross section of the reaction I^{127} (γ, n)I^{126} was determined to be 125 ± 6 millibarns. By comparing the results obtained with the data on the neutron yield, the authors have determined the cross section of the reaction (γ, 2n), which turns out to be 30 ± 20 millibarns. Along with this they determined the ratio of the intensity of K capture by the I^{126} nucleus to the remaining forms of the decay. This ratio is 0.51 ± 0.03.

Card : 1/1

HUNGARY/Nuclear Physics - Installations and Instruments. Methods of Measurement and Research C-2

Abs Jour : Ref Zhur - Fizika, No 1, 1959, No 218

magnetic field with a rotating one. Also investigated was the energy distribution of the ion beam. It was found that the energy scattering depends on the frequency and is independent of the ion current and of the voltage. 70 to 80% of the protons are located in the ion beam.

V.I. Lend'yel

Card : 2/2

H

HUNGARY/Electronics - Corpuscular Optics.

Abs Jour : Ref Zhur Fizika, No 11, 1959, 25469

Author : Ero-Janos
Inst : -
Title : Radio Frequency Modulation of Ion Energy in Ion Sources of the Thoneman Type

Orig Pub : Magyar tud. akad. Kozp. fiz. kutato int. kozl., 1958, 6, No 3, 129-137, IV

Abstract : In Thoneman-type ion sources the energy necessary for ionization is acquired by the electrons of the gas discharge under the influence of the radio frequency electric field. To investigate the observed spread in the ion energy and the connection between this spread and the parasitic high frequency modulation, an instrument was constructed, which makes it possible to record the energy spectrum during a time that is short compared with the period of the high frequency of oscillations.

Card 1/2

ERO, J.

"(Y,P) reaction Na^{23}, K^{39}, J^{127}, and Cs^{133}, in atomic nuclei." p. 553

MAGYAR FIZIKAI FOLYOIRAT. (Magyar Tudomanyos Akademia) Budapest, Hungary, Vol. 6, No. 6, 1958.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 6, June 1959. Uncl.

ERC, J.

(γ,p) reactions in sodium-23, potassium-39, iodine-127, and cesium-133. L. Keszthelyi and J. Erö (Central Research Inst. Physics, Budapest, Hung.). *Nuclear Phys.* 8, 650-60(1958).—Proton spectra of $K^{39}(\gamma,p)Ar^{38}$, $Na^{23}(\gamma,p)Ne^{22}$, $I^{127}(\gamma,p)Te^{126}$, and $Cs^{133}(\gamma,p)Xe^{132}$ reactions were investigated by irradiating KI(Tl), NaI(Tl), and CsI(Tl) crystals by Li(p, γ) γ-rays, and the corresponding cross sections detd. Electron background was reduced by placing a guard crystal in front of the target crystal. Approx. cross sections were: 15 ± 5.8 mb. for $K^{39}(\gamma,p)$; 3.6 ± 1.5 mb. for $Na^{23}(\gamma,p)$; and 1.5 ± 0.6 mb. for $I^{127}(\gamma,p)$ and $Cs^{133}(\gamma,p)$ reactions at 17.6-m.e.v. γ-energy. The proton spectrum of the $K^{39}(\gamma,p)$ reaction showed peaks at 6.1, 9.2, and 11 m.e.v., corresponding to the 5, 2.15, and 0 m.e.v. levels of Ar^{38}. The $I^{127}(\gamma,p)$ and $Cs^{133}(\gamma,p)$ spectra were inconsistent with statistical theory, owing to the effect of direct interaction.

Norman E. Pickering

Distr: 4E3d/4E3c

ERO, Janos, a fizikai tudomanyok kandidatusa

Open debate about Eva Csongor's dissertation for candidacy.
Mat kozl MTA 11 no.4:462-463 '61.

L 45346-66 EWP(j) JW/RM

ACC NR: AT6033616 SOURCE CODE: HU/2502/65/043/002/0245/0255

AUTHOR: Tudos, Ferenc--Tyudesh, F. (Doctor; Budapest); Heidt, Janos--Geidt, Y. (Budapest); Ero, J.--Ere, Y. (Budapest)

ORG: [Tudos; Heidt] Central Research Institute for Chemistry, MTA, Budapest (MTA Kozponti Kemiai Kutato Intezet); [Ero] Central Research Institute for Physics, MTA, Budapest (MTA Kozponti Fizikai Kutato Intezet)

TITLE: Chemistry of free radicals. III. Synthesis and investigation of some stable free radicals of the Banfield type

SOURCE: Academia scientiarum hungaricae. Acta chimica, v. 43, no. 2, 1965, 245-255

TOPIC TAGS: free radical, condensation reaction, IR spectrum, electron spin resonance

ABSTRACT: A number of derivatives of some Banfield-type stable free radicals were synthesized with substitutions in the aromatic ring (o-, m- and p-CH_3; m- and p-F; m- and p-Cl, m- and p-Br, and m-NO_2). According to the experimental data, only such derivatives can be prepared in satisfactory yields which do not carry electron-donor or electron-acceptor substituents of overly excessive activity. The condensation reaction is, in general, impeded by substitution in the o-position. Experiments were also carried out to elucidate the mechanism of the condensation. The infrared spectra of the prepared compounds were recorded. In addition, the electron spin resonance spectra of the free radicals were also determined. Of the latter, the esr spectrum of the original compound and the interpretation of this spectrum are published. The authors thank Doctor A. Messmer and D. Chem for the valuable assistance in recording the infrared spectra, and Mrs. G. Szilagyi, Scientific officer for performing the microanalyses. Further thanks is extended to Miss J. Kozeluha and Mr. L. Sumegi for their participation in the experimental work. Orig. art. has: 6 figures and 1 table. [Orig. art. in Eng.] [JPRS: 33,540]

SUB CODE: 07, 20 / SUBM DATE: 02Nov65 / ORIG REF: 003 / SOV REF: 001 / OTH REF: 013

Card 1/1

ERO, Matyas

"The significance of the money income and consumption of the agricultural population in Czechoslovakia from the points of view of the growth of the standard of living and the development and strengthening of collective farms" by Josef Nikl. Reviewed by Matyas Ero. Stat szemle 37 no.4:460-461 Ap '59.

EROD, Zoltan, dr.

Follow-up examinations of children after meningeal tuberculosis. Gyermekgyogyaszat 15 no.2:33-45 F'64.

1. A Budapesti Orvostudomanyi Egyetem I. Sz. Gyermekklinikajanak (igazgato: Gegesi Kiss, Pal, dr., akademikus, egyetemi tanar) kozlemenye.

*

ERODI, A.

BC

PROCESSES AND PROPERTIES INDEX

A-4

Vitamin therapy in oto-rhino-laryngology. A. Erdös (Mschr. Ohrenheilk., 1930, 73, 95—101).—Vitamin-*A*, especially combined with -*D*, increases the resistance to infections of the upper respiratory tract. -*B* is recommended in trigeminal neuralgia and in toxic facial and recurrent nerve paralysis. -*C* is recommended in diphtheria, strepto- and staphylococcal infections, Plant-Vincent angina, and foot-and-mouth disease, further as a hæmostptic especially combined with -*P* (citrin). -*A* + -*D* is recommended in eczema. Good results in postoperative angina were obtained with -*D* combined with Ca gluconate.

C. E.

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

ERODI, Antal, dr.

Surgical indications in mesotympanic suppurations. Magy. sebeszet 7 no.2:155-161 Apr 54.

1. A pestmegyei Tanacs korhaza fulosztalyanak (Foorvos: dr. Gotze Arpad eytet. m. tanar) es z Budapest XXII. ker. Tanacs szakorv. rendeloint. ful-gegerendelojenek (Foorvos: dr. Erodi Anatal) kozlemenye.

(EAR, MIDDLE, dis.
suppurative, mesotympanic, surg. indic.)

EXCERPTA MEDICA Sec 11 Vol.11/7 O.R.L. July 58

1215. INDICATION FOR OPERATION OF MESOTYMPANIC SUPPURATIONS - Über die Indikation zur Operation mesotympanaler Eiterungen - Erödi A. Ohrenabt., Budapester St. Rochus-Spit. u. Ohrenabt., Fachordination, XXII. Budapest - MSCHR. OHRENHEILK. 1957, 91/5 (260-265)

There is no unanimity regarding the 'operation of choice' and the extent of this operation in chronic mesotympanic suppurations. It seems to be efficacious to divide the patients into 3 groups. In the first group are the patients who can be cured with conservative treatment or palliative nasopharyngeal operation. In the second group the suppurating focus is retrotympanic and in the third epitympanic, although otoscopy simulates mesotympanic suppuration. Differentiation of the two latter groups is often made by X-rays, and is usually possible only during operation. In the presence of a practically demonstrable hearing ability careful antrotomy with removal of the entire cellular system should be carried out in the cases of the 2nd group, whereas in those of the third group attico-antrotomy or conservative radical operation should be employed. In deafness or significant loss of hearing radical operation is indicated in the two latter groups.

ERODI, ANTAL

ERODI, Antal

Indication of paracentesis under the age of two. Orv. hetil. 98 no.45:1243-1246 10 Nov 57.

1. A Budapesti XXII. ker. Szakorvosi Rendelointezet Fül-orr-gegeosztalyanak (foorvos: Erodi Antal dr.) kozlemenye.
(OTITIS MEDIA, in inf. & child
paracentesis of tympanic membrane, indic. under age of two (Hun))

ERODI, Antal, dr.

Hydrocortisone local depot therapy of rhino-allergy. Orv. hetil. 102 no.16:745-746 16 Ap '61.

1. Budapesti XXII ker. Szakorvosi Rendelointezet, Ful-Orr-Gegerendelo.

(HAY FEVER ther) (HYDROCORTISONE ther)

ERODI, Antal, dr.

Management of purulent maxillary sinusitis with prolonged depot. Orv. hetil. 104 no.42:1993 20 O '63.

1. Budapesti (Budafoki) Szakorvosi Rendelointezet, Ful-orr-gegeosztaly.
(SINUSITIS) (MAXILLARY SINUS) (SUPPURATION)
(OXYTETRACYCLINE) (PETROLATUM)
(DELAYED-ACTION PREPARATIONS)

ERODI, Bela, dr.; HORVATH, Vilmos

Slope map plotting for soil protection. Geod kart 17 no.1:26-31 '65.

ERODI, Frigyes, dr.

Unipolar electrocardiographic leads. Orv. hetil. 96 no.18: 498-499 1 May 55.

1. A VIII. ker Tanacs Szanto Kovacs u. Rendelointezet (igazgato: Somogyi, Erno dr.) kozlemenye.
(ECG,
unipolar leads.)

ERODI, F., Dr.

BARNA, Sandor, Dr.; HELL, Ferenc, Dr.; ERODI, Frigyes, Dr.; ANTAL, Pal, Dr.

Examination of operated peptic ulcer patients with biligrafin.
Orv. hetil. 99 no.10:344-345 9 Mar 58.

1. A Fovarosi Tanacs X. ker. Egeszseghaz Bel-Fekvo Osztalyanak es a Pestmegyei Semmelweis Korhaz Korbonctani Osztalyanak kozlemenye.

(IODIPAMIDE
sodium, in postop. cholecystography in peptic ulcer (Hun))
(CHOLECYSTOGRAPHY
postop. in peptic ulcer with sodium iodipamide (Hun))
(PEPTIC ULCER, surg.
postop. cholecystography with sodium iodipamide (Hun))

ERDOS, T.

Some geometrical problems.

P. 86 (MATHEMATIKAI LAPOK) Budapest Vol. 8, No. 1/2, 1957.

SO: Monthly Index of East European Acessions (AEEI) Vol. 6, No. 11 November 1957.

PAPP, Ferenc, dr.; BOZSONY, Denes; PICHLER, Janos; ZIEGLER, Karoly; ERODY, Bela; DEGEN, Imre; HETENYI, Endre; NEMETH, Endre, dr.h.c., a muszaki tudomanyok doktora, muegyetemi tanar.

An account of the annual meeting of the Hungarian Hydrological Society arranged on February 24, 1961. Hidrologiai kozlony 41 no.4: 356-360 Ag'61

1. Magyar Hidrologiai Tarsasag elnoke; "Hidrologiai Kozlony" szerkeszto bizottsagi elnoke (for Papp). 2. Magyar Hidrologiai Tarsasag fotitkara; "Hidrologiai Kozlony" szerkeszto bizottsagi tagja (for Bozsony). 3. Orszagos Mezogazdasagi Minosegvizsgalo Intezet (for Erody). 4. Orszagos vizugyi foigazgato (for Degen). 5. Magyar Tudomanyos Akademia Vizgazdalkodasi es Hidrologiai Foosztalya; Epitoipari es Kozlekedesi Muszaki Egyetem I.Vizepitestani Tanszeke, Budapest (for Nemeth).

EROKHIN, Anatoli A.

Preparation of iron objects for enameling. Leka promishl 2 no.1: 15-22 '53.

EROKHIN, A.

Bulgaria/Chemical Technology -- Chemical Products and Their Application. Silicates. Glass. Ceramics. Binders, I-9

Abst Journal: Referat Zhur - Khimiya, No 1, 1957, 1592

Author: Erokhin, A.

Institution: None

Title: On the Appearance of Alkali Chromate Powder on Enamel Articles

Original Periodical: Leka promishlenost, 1955, Vol 4, No 3, 20-21; Bulgarian

Abstract: A green coloring substance can be prepared by the reaction of potassium dichromate with NH_4Cl at 1,400°. The chromium dioxide which is formed has a stable structure, good color, and good quality. The high reaction temperature is a drawback of the method. The pigment produced at 750-850° has good appearance but is sensitive to the alkalis in the enamel and gives a yellow color. This shortcoming can be removed by the addition of up to 0.05% of titanium oxide to the enamel or by the addition of certain acids (HCl, CH_3COOH, and others). Attempts to produce an alkali-free enamel were unsuccessful.

Card 1/1

ERCKHIN, A.

Against peeling and boiling up of enamel during the enameling of cast iron for hygienic appliances. p.21. LEKA PROMISHLENOST. (Ministerstvo na lekata i khranitelnata promishlenost) Sofiia. Vol. 5, no. 6, 1956

SOURCE: East European Accessions List, (EEAL), Library of Congress, Vol. 5 no. 12, December 1956

EROKHIN, A. A.

On the Temperature of Droplets of Molten Electrode Metal During Arc Welding. A. A. Erokhin. [illegible] SSSR, [illegible] Tekh Nauk [illegible] —Russian]. Calorimetric determination of the [illegible] of droplets of molten electrode metal at the [illegible] separation from the electrode were [illegible] procedure and the apparatus used are [illegible] detail. — [illegible]

LOBKIN, A.A.

Method of Evaluating the Fluidity of the Welding Bath. A. A. Lobkin. (*Zavodskaya Laboratoriya*, 1955, 21, (12), 1486-1489). [In Russian]. In the method described the fluidity of the molten metal in open or submerged arc welding is estimated from the weight of metal which splashes out when the work is suddenly inverted to empty the bath. Apparatus for effecting this is outlined.

HUNGARY/Nuclear Physics - Nuclear Reactions. C

Abs Jour : Ref Zhur Fizika, No 12, 1959, 26883

the following reactions were observed: Na^{23} (γ,p) Ne^{22}, K^{30} (γ,p) A^{38}, I^{127} (γ,p) Te^{126}, and Cs^{133} (γ,p) X^{132}. The measured proton spectrum does not agree with the statistical model. -- V.I. Lend'yel

Card 2/2

EROS, Anna, H.

Experiences of 5 years of neurological consultation for school children. Gyermekgyogyaszat 10 no.1:18-27 Jan 59.

(SCHOOL HEALTH
neurol. serv. in Budapest, statist. (Hun))

(NEUROLOGY
neurol. serv. for school child. in Budapest, statist. (Hun))

EROS, J. 1947

(Paz. Pet. Univ. Belklinikajanak Kozlemenye.)

"Cold Pressor Test. Exminations in Hyperthyroid Patients Treated With Thiouracil."

Magyar Belorvosi Archivum, Budapest, 1947, 1/1(34-42)
Abst: Exc/ Med. 111, Vol. 111, No. 1. p. 12

POSGAY, Karoly; EROS, Janos

Determination of the propagation velocity of seismic waves in layers close to the surface. Geofiz kozl 3 no.1/11:99-105 '54.

Eros, J.

EROS, J. - Elektrotechnika - Vol. 48, no. 4, Apr. 1955.

Development of prime cost and productivity in the construction of power stations and substations. p. 113.

SO: Monthly list of East European Accessions, (EEAL), LC, Vol. 4, No. 9, Sept. 1955
Uncl.

EROS, J.

Problems with development the industry of electric installations. p. 65.
(VILLAMOSSAG. Vol. no. 3, Mar. 1956. Hungary)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 6, June 1957. Uncl.

EROSŐ, J.

The future of electrification. p.223. ELEKTROTECHNIKA. Budapest. Vol. 49, no. 7, July 1956.

SOURCE: East European Accessions List (EEAL), Library of Congress Vol. 5, No. 12, December 1956

EROS, J.

TECHNOLOGY

VILLAMOSSAG. (Magyar Elektrotechnikai Egyesulet) Budapest.

EROS, J. Some examples of technical cooperation. p. 205.

Vol. 6, no. 7, July 1958.

Monthly List of East European Accession (EEAI) LC Vol. 8, No. 3
March 1959, Unclass.

EROS, J.

Some technical experiences from China. p.65.

VILLAMOSSAG, Budapest, Hungary. Vol. 7, no. 3, Mar. 1959.

Monthly List of East European Accessions (EEAI), LC. Vol. 8, No. 9, September 1959
Uncl.

EROS, J.

"Chinese industrial exhibition." p. 138.

ELEKTROTECHNIKA. (Magyar Elektrotechnikai Egyesulet). Budapest, Hungary, Vol. 52, No. 3, 1959.

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 8, August 1959.
Uncla.

EROS, Jozsef

The Chinese Industrial Exhibition. Elektrotechnika 52 no.3:138-139 '59.

1. A VERTESZ igazgatoja.

EROS, Jozsef

Heavy-current installating enterprises in the German Democratic Republic. Villamossag 8 no.11:332-338 N '60.

1. Villamos Eromu Tervezo es Szerelo Vallalat igazgatoja; "Villamossag" szerkeszto bizottsagi elnoke.

CSIKOS, Bela; FUTO, Istvan; EROS, Jozsef; SZABADYM Jeno; EISLER, Janos, Dr.; WALLENSTEIN, Mihaly; REMBECZKY, Laszlo; BALINT, Gabor; ASZTALOS, Peter; BERENYI, Laszlo, okl.gepeszmernok; HORCHER, Frigyes

Remarks on the article "The most important problems of technical development and network electrical installations and tasks for the manufacturing industry related to this." Villamossag 9 no.1/3:17-23 Ja-Mr '61.

1. Az Eromu Troszt villamos osztalyanak vezetoke (for Csikos). 2. A Nehezipari Miniszterium Villamosenergiaipari Igazgatisaganak Szakosztalyvezetoje (for Futo). 3. VERTESZ Villamos Eromu Tervezo es Szerelo Vallalat (for Eros). 4. Klement Gottwald Villamossagi Gyar (for Szabady, Wallenstein, Rembeczky, Balint, Asztalos, Horcher). 5. Budapesti Muszaki Egyetem (for Eisler).

EROS, Jozsef

The Soviet Union's 20-year electrification plan. Villamossag 10 no.6:161-167 Je '62.

1. Igazgato, Villamos Eromu Tervezo es Szerelo Vallalat, es "Villamossag" szerkeszto bizottsagi elnoke.

EROS, Jozsef

Trend of the development of the heavy-current fitting enterprises. Villamossag 11 no.5:129-131 My '63.

1."Villamossag" szerkeszto bizottsagi elnoke.

EROS, Jozsef

Quality and world market level. Villamossag 11 no.10:289-290 O '63.

EROS, Jozsef

Reorganization of industrial management and the fitting industry.
Villamossag 12 no. 2: 33-34 F '64.

EROS, József

Coloring power plant and substation equipment. Villamossag 13 no.2:49-54 F '65.

EROS, Jozsef

Manpower situation in Hungary and the lessons for the electric industry. Villamossag 12 no.9:258-260 S '64.

EROS, L.

"The Innovator Movement in the Electric Power Industry", p. 3 (UJITOK LAPJA, Vol. 5, no. 23, Dec. 1953, Budapest, Hungary).

Source: Monthly List of East European Accessions, LC, Vol. 3, no. 5, May 1954/Uncl.

EROS, L.

Technical development of the electric-power industry during the second Five-Year Plan. p. 1. ELEKTROTECHNIKA. (Magyar Elektrotechnikai Egyesulet) Budapest. Vol. 49, no. 1, Jan. 1956

SOURCE: East European Accessions List (EEAL), Library of Congress
Vol. 5, no. 6, June 1956

EROS, Rezso

What policy forms exist to insure automobile and motorcycle drivers? Mezogazd techn 1 no.8:23 '61.

EROSHKIN, F. K.

Mining enterprise track worker; textbook for the training of mine-railroad tract workers. Sverdlovsk, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1953. 168 p. (54-35102)

TN336.E7

EORSI, Gyula, dr.

On the damage responsibility of domestic air transporter. Kozleked kozl 18 no.1:9-10 Ja '62.

EROSI, Sandor; MAYER, Matyas

Elongation measurement and its application in heat engines. Energia es atom 15 no.6:244-250 Je '62.

1. Hotechnikai Kutato Intezet tudomanyos munkatarsai.

ERCSS, E.

Microbiological constants of butter churned from pasteurized sweet cream. p. 219.

ELELMEZESI IPAR, Vol. 9, No. 7, July 1955

(Mezogazdasagi Ipari Tudomanyos Egyesulet) Budapest.

SOURCE: East European Accessions List Vol. 5, No. 1 September, 1956

EROSS, E.; CSONGRADY, Z.

Data on the applicability of the Frost-Lorenz method. p. 133.
ELEIMEZESI IPAR. (mezogazdasagi Ipari Tudomanyos Egyesulet) Budapest.
Vol. 10, no. 5, May 1956.

SOURCE: East European Accessions List (EEAL) Library of Congress
Vol. 5, no. 8, August 1956

EROSS, Emma

Glorious days of the history of the Hungarian working class. Munka 5 no.3:36-37 Mr '55.

MARTOS,K., dr.; EROSS,S., dr.; KISS,J., dr.

Treatment of hypertension with medicamentous combinations.
Ther.Hung.12 no.1:46-48 '64.

1. Department for Hypertensive Diseases (Head: Prof. J.Barath)
Municipal Hospital Janos, Budapest

*

HUNGARY/Chemical Technology. Chemical Products and Their Applications. Food Industry. H

Abs Jour : Ref Zhur-Khimiya, No 6, 1959, 21454

Author : Eross, Gyulane; Csongrady, Zoltan
Inst :
Title : Use of Triphenyltetrazole in the Microbiology of Milk.

Orig Pub : Tejipar, 1958, jan.-febr., 4-11

Abstract : A review is given. Bibliography, 18 titles.

Card : 1/1

H-134

EROSS, Gyula

The single-purpose CD3 motor shield-processing machine.
Gep 15 no.5:179-189 My '63.

1. Csepeli Szerszamgepgyar.

KLIMES, K.; EROSS, S.

Ocular findings in electroshock. Magy. belorv. arch. 5 no.2:94-96 June 1952. (CIML 25:5)

1. Doctors. 2. Psychiatric and neurological Clinic (Director -- Prof. Dr. Gyula Nyiro) and Second Eye Clinic (Director -- Prof. Dr. Tibor Nonay) of Budapest Medical University.

BROSS, S.;SZOBOR, A.

Ophthalmological and neurological aspects on the pathology of chronic methylbromide poisoning. Orv. hetil. 94 no.34:944-946 23 Aug 1953. (CIML 25:1)

1. Doctor. 2. Second Eye Clinic (Director -- Prof. Dr. Tibor Nonay) and Psychiatric and Neurological Clinic (Director -- Prof. Dr. Gyula Nyiro), Budapest Medical University.

EROSS, Sandor

EROSS, Sandor; KORCHMAROS, Imre

The conduction anesthesia in eye surgery. Szemeszet 91 no.2: 87-91 Apr 54.

1. A Budapesti Orvostudomanyi Egyetem II. sz. Szemklinikajanak kozlemenye. (Igazgato: Monay Tibor egyetemi tanar, az orvostudomanyok kandidatusa)
(EYE, surg.
anesth., regional)
(ANESTHESIA, REGIONAL
in eye surg.)

CSAPODY Istvan; BROSS, Sandor

Management of wound disruption. Wound-closing U sutures. Szemeszet 97 no.3:129-134 S '60.

1. A Janos korhaz-rendelointezet (igazgato: Tako Jozsef) szemosztalyarol (osztalyvezeto foorvos: Csapody Istvan az orvostudomanyok doktora)
(EYE surg.)
(SUTURES)

EROSS, SANDOR

SURNAME, Given Names

Country: Hungary

Academic Degrees: Dr.

Affiliation: Ophthalmology Department and Pathological-Anatomy Department of John's Hospital, Budapest (budapest Janos-korhaz szemosztalya es prosecturaja) Hospital director: Dr Jozsef TOKO.

Source: Budapest, Orvoskepzes, Vol 36, No 4, Aug 61, pp 317-320

Data: "Sympathetic Ophtalmia."

Authors:

CSAPODY, Istvan

KALLO, Antal

EROSS, Sandor

GPO 981643

Bibliography

[illegible] Jr., Jr., Central Army Laboratory and [illegible] of Ophthalmology of Union Hospital [illegible] Roentgenologic Protection in Treatment of Glaucoma."

"Large Dose Radiation Treatment of the Eye with Effective Protection of the Anterior Third of the Eye [illegible]."

[illegible], Cancer Radiology, Vol 24, no 6, Dec [illegible], p, 254-257.

[illegible] Abstract: [illegible] English summary: The authors describe [illegible] which permits irradiation of the eye, aiming of the x-ray beam and radiation protection of the sensitive elements in the anterior portion of the eye. A sharply defined beam may be aimed precisely at the intraocular tumor. The instrument provides a clean deep dose while it keeps the skin dose and the dosage rate low. 27 references, about 10 are Eastern European, the rest Western.

BROTANEK, Vl.; HORSKY, J., C.Sc.; PRESL, J., C.Sc.; HENZL, M.

Menorrhagia in the roentgen picture. Cesk. gyn. 26 no.3:167-170 Ap '61.

1. Ustav pro peci o matku a dite, Praha - Podoli, prednosta doc. dr. M. Vojta.

(MENORRHAGIA AND METRORRHAGIA radiog)

ERPERT, F.L., meditsinskaya sestra

Oxygen therapy and methods of its use. Med.sestra 16 no.1:24-27 Ja '57. (MLRA 10:2)

1. Klinika gospital'noy terapii Voyennoy meditsinskoy ordena Lenina akademii imeni S.M.Kirova, Leningrad.
(OXYGEN--THERAPEUTIC USE)

COUNTRY : USSR
CATEGORY : Forestry. Forest Cultures K

ABS. JOUR. : RZhBiol., No. 2, 1959, No. 6189

AUTHOR : Erpert, S.D.
INST. : Forestry Institute AS USSR
TITLE : Experiment of Field-Protective Forest Cultivation on Soils of a Saliniferous Complex.

ORIG. PUB. : Tr. In-ta lesa AN SSSR, 1958, 38, 21-40

ABSTRACT : The growth and development of a number of wood-underbrush varieties is described in three-, five-, and seven-row snowdrift belts of protective forest zones formed on soil of saliniferous complex of semiarid Prikaspiya in 1951. At 3 - 4 years of age the most advantageous for prpagation on such soils with planting by tilling proved to be: littleleaf elm, Tatar honeysuckle, and golden currant which have a flexible root system

CARD: 1/3

COUNTRY :
CATEGORY :

ABS. JOUR. : RZhBiol., No. 2, 1959, No. 6189

AUTHOR :
INST. :
TITLE :

ORIG. PUB. :

ABSTRACT : troduced into the belts.—D.I. Daryabin

CARD: 3/3

COUNTRY :
CATEGORY :

ABS. JOUR : Ref Zhur -Biologiya , No.5 , 1959, No.20159

AUTHOR :
INST. :
TITLE :

ORIG. PUB.:

ABSTRACT : the large depressions in the state forest grounds. --Ye.N. Savin

CARD: 2/2

ERPSHER, Yu.B.

AUTHOR ERPSHER Yu.B. 121-8-1/22

TITLE The Use of Tools on Automatic Trains.
(Ekspluatatsiya instrumentov na avtomaticheskikh liniyakh.-Russian)

PERIODICAL Stanki i Instrument 1957, Vol 28, Nr 8, pp 1 - 4. (USSR)

ABSTRACT Automatic trains used for the treatment of complicated work pieces often consist of a great number of machines armed with 500-600 and more tools; this raises the very important problem of their correct use. This problem is complicated by the fact that no automatic adjustment and change of the tools is possible in the case of the main operations: boring, reaming and thread cutting. In order to decrease capacity losses the time necessary for the exchange of tools must be reduced. On multiple spindle drills the adjustment of rod tools (spiral drills, counterbores a.o.) takes much time and therefore they are furnished with gauges for the checking of the tool length outside the lathe, as is shown in some illustrations. Such gauges are used with an accuracy of ± 0,25 mm and less; for greater accuracy limits gauges, and for longitudinal tolerances of less than ± 0,1 mm indicators are used. As a rule the majority of tools on an automatic train performs relatively inaccurate work; therefore the

CARD 1/3

121-8-1/22

The Use of Tools on Automatic Trains.

ASSOCIATION: not given.
PRESENTED BY: -
SUBMITTED: -
AVAILABLE: Library of Congress.

CARD 3/3

ERPSHER, Yu. B.

AUTHOR: Erpsher, Yu.B. 121-4-1/32

TITLE: Automatic Production Lines with Overhead Transport of Components (Avtomaticheskiye linii s verkhney transportirovkoy detaley)

PERIODICAL: Stanki i Instrument, 1958, 29, No.4, pp. 1 - 6 (USSR)

ABSTRACT: In spite of their greater complexity, overhead transport installations are more flexible than other transporters. They permit the layout of automatic production lines for large components of awkward shape. Examples are illustrated of automatic loading installations for a Churchill cylindrical grinder and a Newall crankpin grinder, the first using a chain conveyor with V-blocks, the second, overhead carriages sliding along round guides. In the first case, an overhead conveyor is arranged across the loading conveyors of the individual machines; in the second case, the machines are arranged in pairs, with overhead conveyors joining each two opposite ends in a square wave pattern. In certain cases, the Newall method of loading can be used also for transporting from one machine to the next. A layout, suitable for machines placed along the direction of flow is illustrated (Fig.5). In other cases, machine tools are more economically placed across the flow line. An example of a set of milling and boring machines served by an overhead

Card1/2

ERPSHER, Yu.B.

Structures of automatic production lines. Stan.i instr. 29 no.5: 8-15 My '58. (MIRA 11:7)
(Automation)

ERPSHER, YU. B.

PHASE I BOOK EXPLOITATION SOV/5291

Soveshchaniye po kompleksnoy mekhanizatsii i avtomatizatsii tekhnologicheskikh protsessov v mashinostroyenii. 2d, Moscow, 1956

Avtomatizatsiya mashinostroitel'nykh protsessov. t. III: Obrabotka rezaniyem i obshchiye voprosy avtomatizatsii (Automation of Machine-Building Processes. v. 3: Metal Cutting and General Automation Problems) Moscow, Izd-vo AN SSSR, 1960. 296 p. (Series: Its: Trudy, t. 3) 4,700 copies printed.

Sponsoring Agency: Akademiya nauk SSSR. Institut mashinovedeniya. Komissiya po tekhnologii mashinostroyeniya.

Resp. Ed.: V. I. Dikushin, Academician; Ed. of Publishing House: V. A. Kotov; Tech. Ed.: I. F. Kuz'min.

PURPOSE: This collection of articles is intended for technical personnel concerned with the automation of the machine industry.

COVERAGE: This is Volume III of the transactions of the Second Conference on the Full Mechanization and Automation of Manufacturing Processes in the Machine Industry, held September 25-29, 1956. The transactions have been published in three volumes. Volume I deals with the hot pressworking of metals, and volume II, with the actuation and control of machines. The present volume deals with the automation of metal machining and work-hardening, and with general problems encountered in automation. The transactions on the automation of metal-machining processes were published under the supervision of F. S. Demyanuk and A. M. Karatygin, and those on the automation of work hardening processes, under the supervision of E. A. Satel' and M. O. Yakobson. No personalities are mentioned. There are no references.

Automation of Machine-Building Processes (Cont.) SOV/5291

Card 4/7

ERPSHER, Yuliy Borisovich; ACHERKAN, N.S., doktor tekhn. nauk, prof., retsenzent; KUNIN, P.A., inzh., red.

[Reliability and structure of automatic machine-tool systems] Nadezhnost' i struktura avtomaticheskikh stanochnykh sistem. Moskva, Mashgiz, 1962. 149 p. (MIRA 15:11)
(Machine tools) (Automatic control)

ERPSHER, Yu.B.

Ways for speeding-up the assembly, adjustment and adaption of automatic production lines. Stan. i Instr. 36 no.5:3-7 My '65. (MIRA 18:5)

ACCESSION NR: AP4031757 S/0301/64/010/002/0179/0184

AUTHOR: Budnitskaya, Ye. V.; Bryunfo, M.; Errera, M.

TITLE: Effect of radiation on RNA and RNA metabolism in human cancerous tumor cells

SOURCE: Voprosy* meditsinskoy khimii, v. 10, no. 2, 1964, 179-184

TOPIC TAGS: X-irradiation effect, RNA radiosensitivity, RNA metabolism, cancerous tumor cell, HeLa cell, tritium labelled cell, cytidine-H^3 incubation, radioautographic method, cell nucleolus, cell protoplasm, inhibited RNA synthesis, RNA synthesis restoration

ABSTRACT: The effects of X-irradiation on RNA radiosensitivity and metabolism were investigated in labelled cancerous tumor cells (HeLa cells) in two experimental series. In the first series, groups of HeLa cells were incubated for 10 min, 60 min, and 24 hrs in a medium containing cytidine-H^3 (360 microcuries/mM) before X-irradiation with single 100, 300, and 900 r doses. After X-irradiation the cells were fixed and prepared for radioautographic investigation to determine RNA radiosensitivity by the number of granules in the nucleolus,

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ACCESSION NR: AP4031757

nonnucleolus part of the nucleus, and the cytoplasm, and the total number of granules in a cell (30 cells counted in each sample). In the second series, groups of HeLa cells were first X-irradiated with single 100, 300, and 900 r doses and then incubated for 10 min, 60 min, and 4 hrs in a medium containing cytidine-H^3. Radiosensitivity and migration of labelled RNA from the nucleolus into the cytoplasm of the cell were determined by radioautographic investigation as in the first series. Results show that RNA is radiosensitive immediately after formation and nucleolar RNA is more sensitive than the rest of the nucleus. Depressed RNA radioactivity in irradiated cells incubated in a cytidine-H^3 medium for a short period indicates that injury of the RNA synthesis mechanism is restorable. Migration of labelled RNA from the nucleus into the cytoplasm is inhibited in cells incubated in a cytidine-H^3 medium before irradiation and then transferred to a nonradioactive medium. RNA synthesis and related processes appear to be radiosensitive and restorable, but the inhibiting and restoring mechanisms of RNA synthesis are difficult to explain at this time. Orig. art. has: 3 tables.

Card 2/3

ACCESSION NR: AP4031757

ASSOCIATION: Laboratoriya biofiziki i radiobiologii Bryusel'skogo universiteta, Belgium (Biophysics and Radiobiology Laboratory of Brussels University); Institut biokhimii im. A. N. Bakha AN SSSR, Moscow (Biochemistry Institute AN SSSR)

SUBMITTED: 15May63 ENCL: 00 SUB CODE: LS

NR REF SOV: 000 OTHER: 010

Card 3/3

ERSAKOV, A.

Reduction of the number of qualities of foodstuffs. p.12.
Vol. 7, no.9, Sept. 1955. STANDARDIZAREA, Bucuresti.

SOURCE: East European Accessions List (EEAL), LC, Vol. 5, No. 2, Feb. 1956

ERSEK, E.

Conditions of the operation of transporting cages. p. 82. (Banyaszati Lapok, Vol. 11, no. 2, Feb. 1956 Budapest)

SO: Monthly List of East European Accession (EEAL) LC, Vol. 6, no. 7, July 1957. Uncl.

ERSEK, Elek, okleveles banyamernok

Layout of vertical shaft hoisting machinery. Bany lap 95 no.8/9: 569-574 Ag-S '62.

1. Banyaszati Tervezo Intezet, Budapest.

ERSEK, Elek, okleveles banyamernok; DEBRECZENI, Elemer, okleveles banyagepeszmernok

Examination of the guide beams of vertical hoisting shafts. Bany lap 96 no.3:170-174 Mr '63.

1. Banyaszati Tervezo Intezet, Budapest (for Ersek). 2. Nehezipari Muszaki Egyetem, Miskolc (for Debreczeni).

ERSEK, Elek, okleveles banyamernok

Dimensioning questions of vertical shaft fittings. Banyaterv no.3:1-33 '64.

ERSEK, Janos (HA 4 OY)

Official frequency and time data. Radiotechnika 13 no.8:293 Ag '63.

ERSEPKE, Z.

"High-frequency titration." p. 188. (Chemie. Vol. 7, no. 10, Oct. 1951. Praha.)

SO: Monthly List of East European Accessions, Vol. 3, no. 6, Library of Congress, June 1954. Uncl.

ERSEPKE ZDENEK

CZECHOSLOVAKIA/Analytical Chemistry - General Questions G-1

Abs Jour : Referat Zhur - Khimiya, No 2, 1957, 4689

Author : Ersepke Zdenek
Title : Improvement and Acceleration of Quantitative Spectral Analysis

Orig Pub : Chem. prumysl. 1956, 6, No 5, 214

Abstract : Description of the instruments included in a unit for quantitative spectral analysis for the purpose of acceleration the operation and the obviation of possible errors. There is shown a block diagram of combined clockwork relay utilizing an electronic stabilizer. Characteristics of a selenium rectifier are included, and also those of an apparatus for the development of photographic plates, which ensures reproducibility of temperature and duration of the development.

Card 1/1 - 17 -

EUGEPKE, 7.

"Apparatus for measuring the duration of a drop attached to a polarograph."

CHEMICKY PRUMYSL, Praha, Czechoslovakia, Vol. 6, No. 12, December 1956.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 9, September 1959.

Unclassified.

Ersepke, Z.

H-3

Country : CZECHOSLOVAKIA
Category : Chemical Technology. Chemical Products and Their Applications. Instruments and Automation
Abs. Jour : Ref. Zhur.-Khimiya, 1959, No 14, No 49848
Author : Ersepke, Z.
Institut. : Not given
Title : An Instrument for Automatic Control of Quantity of Free Acid or Alkali in Commercial Reactors
Orig Pub. : Chem. prumysl, 1959, 8, No 7, 356-360

Abstract : In the course of development of an automatic control instrument capable of regulating the content of free sulfuric acid in the manufacture of ammonium sulfate from coke oven gas, various analytical methods were reviewed and checked, of which the simplest one was the thermal titration method. This method is based on the liberation of heat involved in the reaction between the acid and sulfate with the alkali added. Heat quantity is measured

Card: 1/2

H-8

ERSEPKE, Zdenek; HOLEK, Tomas

Multipurpose electroanalyzer. Chem listy 57 no.7:723-728 Jl '63.

1. Vyzkumny a zkusebni ustav, Nova hut Klementa Gottwalda a Elektrotelevisni sluzba, Ostrava.

ERSEPKE, Zdenek; HOLEK, Tomas

Special potentiostats for continuous and discontinuous electrolysis. Chem listy 58 no.11:1325-1329 N '64.

1. Research and Testing Institute of Nova Hut Klementa Gottwalda and Electrotelevision Service, Ostrava.

L 33134-66 EWP(t)/ETI IJP(c) JD

ACC NR: AP6024182 SOURCE CODE: CZ/0034/65/000/009/0662/0667

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47
B

AUTHOR: Ersepko, Zdenek

ORG: Research and Testing Institute, NHKG, Ostrava (Vyzkumny a zkusebni ustav NHKG)

TITLE: Purification of argon used in spectroscopy

SOURCE: Hutnicke listy, no. 9, 1965, 662-667

TOPIC TAGS: chemical purity, argon, gas spectroscopy, gas analysis, chemical absorption, chemical laboratory apparatus

ABSTRACT: The author describes his method of purifying Argon of Czechoslovak production; this gas usually contains too many impurities for spectral analysis. Comparison with Argon of British production and with Russian Argon is made; while British A contains only 5 ppm of O_2, the Czech gas contains 20-40, and the Russian 30-50. Other impurities consist of N_2, H_2 and H_2O. The purification method suggested uses reactions with active metals, combustion with hydrogen, or preferably absorption on molecular sieves at the temperature of boiling air. This reduces the impurities to a level below 1 ppm. The molecular sieves can be regenerated by heating to elevated temperatures. Technical de-

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ACC NR: AP6024182

2

tails of the apparatus designed by the author are given. Analytical equipment used for the gas control is described. The apparatus has been in operation for 2 years without any difficulties. The author thanks R. Sourk and Z. Lasak for their assistance a cooperation. Orig. art. has: 9 figures and 2 tables. [JPRS]

SUB CODE: 07 / SUBM DATE: none / ORIG REF: 001 / OTH REF: 002

LS

Card 2/2